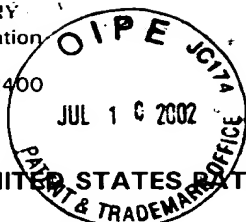


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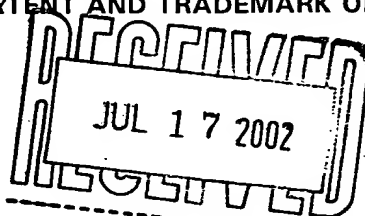


2184  
PATENT APPLICATION

ATTORNEY DOCKET NO. 10013342-1 #3

TO  
7/18/02

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE



Inventor(s): Michael L. BESSIRE

Confirmation No.:

Application No.: 09/989,652

Examiner: Unassigned

Filing Date: 11/21/01

Group Art Unit:

Title: A SYSTEM AND METHOD FOR ENSURING THE AVAILABILITY OF A STORAGE SYSTEM

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

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Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
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Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

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By \_\_\_\_\_

Typed Name:

Respectfully submitted,

Michael L. BESSIRE

By 

William T. Ellis

Attorney/Agent for Applicant(s)  
Reg. No. 26,874

Date: July 10, 2002

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PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Date Submitted: July 10, 2002

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/989,652
Filing Date	11/21/2001
First Named Inventor	Michael L. BESSIRE
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	084061-0186

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## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,537,534		Voigt et al.	07/16/1996	
	A2	5,542,065		Burkes et al.	07/30/1996	
	A3	5,546,558		Jacobson et al.	08/13/1996	
	A4	5,548,712		Larson et al.	08/20/1996	
	A5	5,574,863		Nelson et al.	11/12/1996	
	A6	5,596,710		Voigt	01/21/1997	
	A7	5,604,902		Burkes et al.	02/18/1997	
	A8	5,615,352		Jacobson et al.	03/25/1997	
	A9	5,623,598		Voigt et al.	04/22/1997	
	A10	5,664,187		Burkes et al.	09/02/1997	
	A11	5,666,512		Nelson et al.	09/09/1997	
	A12	5,960,451		Voigt et al.	09/28/1999	
	A13	6,055,604		Voigt et al.	04/25/2000	
	A14	6,092,168		Voigt	07/18/2000	

## **FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A15	Internet Article "The 7 Layers of the OSI Model," Webopedia: Online Computer Dictionary for Internet Terms and Technology, 3 pgs., Copyright 2001 internet.com Corp., <a href="http://webopedia.internet.com/quick_ref/OSI_Layers.html">http://webopedia.internet.com/quick_ref/OSI_Layers.html</a> , October 5, 2001.	
	A16	Internet Article "MAC Address," Webopedia: The #1 online encyclopedia dedicated to computer technology, 2 pgs., <a href="http://webopedia.internet.com/TERM/M/MAC_address.html">http://webopedia.internet.com/TERM/M/MAC_address.html</a> , October 5, 2001	
	A17	FAIRHURST, Internet Article "Address Resolution Protocol (arp)," January 1, 2001, 3 pgs., <a href="http://www.erg.abdn.ac.uk/users/gorry/course/inet-pages/arp.html">http://www.erg.abdn.ac.uk/users/gorry/course/inet-pages/arp.html</a> , October 9, 2001.	
	A18	Internet Article "Inter-process Communication," December 14, 1995, 1 pg., Source: The Free On-line Dictionary of Computing, © 1993-2001 Denis Howe, <a href="http://www.dictionary.com/cgi-bin/dict.pl?term=Inter-process%20Co">http://www.dictionary.com/cgi-bin/dict.pl?term=Inter-process%20Co</a> , October 5, 2001.	

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STATEMENT BY APPLICANT**

Date Submitted: July 10, 2002 JUL 10 2002

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Sheet 2 of 2

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 Filing Date 11/21/2001  
 First Named Inventor Michael L. BESSIRE  
 Group Art Unit Unassigned  
 Examiner Name Unassigned  
 Attorney Docket Number 084061-0186

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	A19	Internet Article "How Scanners Work," 3 pgs., Copyright © 1998-2001 Howstuffworks, Inc., <a href="http://www.howstuffworks.com/scanner4.htm">http://www.howstuffworks.com/scanner4.htm</a> , September 25, 2001.	
	A20	RUSSELL, Internet Article "Redundant Array Of Inexpensive Disks ("RAID") For Faster, Cheaper Storage," August 23, 2000, 30 pgs., <a href="http://peripherals.about.com/library/weekly/aa082300a.htm?iam=ho">http://peripherals.about.com/library/weekly/aa082300a.htm?iam=ho</a> , September 25, 2001.	
	A21	Internet Article, "How Small Computer System Interface ("SCSI") Works," 11 pgs, Copyright © 1998-2001 Howstuffworks, Inc., <a href="http://www.howstuffworks.com/scsi.htm?printable=1">http://www.howstuffworks.com/scsi.htm?printable=1</a> , September 25, 2001	
	A22	Internet Article, "How It Works," 5 pgs. <a href="http://webmail.foleylaw.com/exchange/Attach/read.asp?obj=0000000046722662679FD41185">http://webmail.foleylaw.com/exchange/Attach/read.asp?obj=0000000046722662679FD41185</a> , September 27, 2001.	
	A23	STAFFORD, "The How and Why of Windows TCP/IP Stacks," 2 pgs., Copyright © 1994 Harvard Computer Society, Last modified: December 4, 1994 by <a href="mailto:web@hcs.harvard.edu">web@hcs.harvard.edu</a> , <a href="http://hcs.harvard.edu/~hcr/94dec/whystacks.html">http://hcs.harvard.edu/~hcr/94dec/whystacks.html</a> , September 12, 2001.	

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